Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) An isolated DNA molecule comprising at least a sequence A flanked by at least site specific recombinase targeting sequences (SSRTS) L1, and at least a sequence B flanked by at least site specific recombinase targeting sequences (SSRTS) L2, said SSRTS L1 and SSRTS L2 being unable to recombine with one another, wherein:

(i) sequences L1 are in an orientation opposite to one another, wherein said sequences point towards each other or point away from each other,

(ii) sequences L2 are in an orientation opposite to one another, wherein said sequences point towards each other or point away from each other,

(iii) the order of SSRTS sequences in said DNA molecule is 5'-L1-L2-sequence A-sequence B-L1-L2-3', and

(iv) at least the sequences A and/or B are transcribed and translated to produce at least one protein.

2-5. (Canceled).

6. (Currently amended) The DNA molecule according to claim 1, wherein the recombinase ~~specific~~ specificity of said SSRTS L1 and the recombinase ~~specific~~ specificity of said SSRTS L2 are the same.

7. (Canceled).

8. (Previously Presented) The DNA molecule according to claim 6, wherein said recombinase specific of said SSRTS is selected from the group consisting of Cre recombinase of bacteriophage P1, the FLP recombinase of *Saccharomyces cerevisiae*, the R recombinase of *Zygosaccharomyces rouxii* pSR1, the A recombinase of *Kluyveromyces drosophilarium*

pKD1, the A recombinase of Kluyveromyces waltii pKW1, the integrase λ Int, the recombinase of the GIN recombination system of the Mu phage, and bacterial β recombinase.

9. (Previously Presented) The DNA molecule according to claim 8, wherein said recombinase is said Cre recombinase of bacteriophage P1.

10. (Previously Presented) The DNA molecule according to claim 9, wherein said SSRTSL1 and/or L2 specific for said Cre recombinase are selected from the group consisting of Lox P1, Lox 66, Lox 71, Lox 511, Lox 512, Lox 514, and mutated Lox P1 sequences, wherein said mutated Lox P1 sequences comprise at least one point mutation in the spacer sequence.

11. (Previously Presented) The DNA molecule according to claim 10, wherein either SSRTS L1 comprises the Lox P1 nucleotide sequence (SEQ ID NO. 1) and SSRTS L2 comprises the Lox 511 nucleotide sequence (SEQ ID NO. 2) or SSRTS L1 comprises the Lox 511 sequence and SSRTS L2 comprises Lox P1 sequence.

12. (Previously Presented) The DNA molecule according to claim 8, wherein the recombinase is the FLP recombinase of *Saccharomyces cerevisiae*.

13. (Previously Presented) The DNA molecule according to claim 12, wherein said SSRTS L1 and/or L2 specific for said FLP recombinase are chosen from the group consisting of the sequences FRT-S and FRT-$F3^{0.88}$.

14-16. (Canceled)

17. (Previously Presented) The DNA molecule according to claim 1, wherein said at least one protein is a protein of interest.

18. (Previously Presented) The DNA molecule according to claim 1, wherein sequences A and/or B encode at least one exon, or a fragment thereof.

19. (Canceled)

20. (Previously Presented) The DNA molecule according to claim 1, wherein said at least one protein is encoded by a cDNA sequence, and wherein an IRES sequence is inserted 5', or 3', or 5' and 3' to said cDNA sequence.

21. (Previously Presented) The DNA molecule according to claim 17, wherein said protein of interest is selected from the group consisting of autofluorescent proteins and enzymes detectable by a histochemical process.

22. (Previously Presented) The DNA molecule according to claim 21, wherein said autofluorescent protein is selected from the group consisting of the green fluorescent protein (GFP), the enhanced green fluorescent protein (EGFP), the red fluorescent protein (RFP), the blue fluorescent protein (BFP), and the yellow fluorescent protein (YFP).

23. (Previously Presented) The DNA molecule according to claim 21, wherein said enzyme, detectable by a histochemical process, is selected in the group consisting of β-galactosidase, β-glucoronidase, alkaline phoshatase, luciferase, alcohol deshydrogenase, chloramphenicolacetyl transferase.

24. (Previously Presented) A vector comprising the isolated DNA molecule of claim 1.

25-52. (Canceled)

53. (Previously Presented) The DNA molecule of claim 1, wherein said at least one protein is selected from the group consisting of a reporter protein and a selection marker.

54. (Canceled)